

SURVEYED BY
SUPERVISED BY.....
DESIGNED BY.....

DESIGN FEATURES RELATING TO CONSTRUCTION
OR TO REGULATION AND CONTROL OF TRAFFIC
MAY BE SUBJECT TO CHANGE AS DEEMED
NECESSARY BY THE DEPARTMENT

REVISED 7/17/07	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
	VA.		7		16(3B)

IN PROGRESS 092608
NOT FOR CONSTRUCTION

DESCRIPTION	PANEL BOARD SCHEDULE																	
	PANEL : LIGHTING CONTROL CENTER CWI																	
	Sheet No.16(5)																	
	LOAD DESCRIPTION	LOAD AMPS			BRKR AMPS	WIRE	POLE NO	A	B	C	POLE NO	WIRE	BRKR AMPS	LOAD AMPS			LOAD DESCRIPTION	
A Ø		B Ø	C Ø							A Ø				B Ø	C Ø			
PHOTOCELL				15		1		●			2	*2	20	12			CIRCUIT * 2	
PHOTOCELL				15		3			●		4	*2	20		11.4			
PHOTOCELL				15		5				●	6	*2	20			12.6	36 AMPS	
CIRCUIT * 1	10.8			20	*2	7				●	8	*2	20	10.6			CIRCUIT * 4	
		9		20	*2	9				●	10	*2	20		12.4			
28.8 AMPS			9	20	*2	11				●	12	*2	20			10.6	33.6 AMPS	
CIRCUIT * 3	7.8			20	*2	13				●	14							
		9		20	*2	15				●	16							
24 AMPS			7.2	20	*2	17				●	18							
CIRCUIT * 5	9			20	*2	19				●	20							
		9		20	*2	21				●	22							
28.8 AMPS			10.8	20	*2	23				●	24							
						25				●	26							
						27				●	28							
						29				●	30							
						31				●	32							
						33				●	34							
						35				●	36							
						37				●	38							
						39				●	40							
						41				●	42							
												TOTAL		50.2	50.8	50.2		
BREAKER MINIMUM INTERRUPTING CAPACITY 14,000 AMPS SYMM.																		
MAINS : 200 MAIN CIRCUIT BREAKER																		
VOLTAGE : 480Y/277,3 PHASE,4 WIRE,SN																		
MOUNTING : CONTROL CENTER ON SHEET 16(5)																		
CONTACTOR RATING 50 A.																		

ROADWAY LIGHTING - PANEL BOARD DETAILS
PANEL BOARD SCHEDULE

PLAN NO.	PROJECT	FILE NO.	SHEET NO.
			16(3B)